

Oregon Department of Transportation

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Washington Transportation Framework Partner Presentation

- National Framework Efforts
- Oregon's Framework Organization
- Oregon's Framework Past Efforts
- Current Projects

National Framework Transportation Efforts

- Includes all forms of Transportation
 - Roads
 - Trails
 - Rail
 - Waterways
 - Airports and ports
 - Bridges and Tunnels

Oregon Framework History at ODOT

- Oregon Road Base Integration Team (ORBIT)
 - Define parameters for roads
 - Build partnerships through stakeholders
 - Develop business model
- Oregon Road Base Integration Team Subcommittee (ORBITS)
 - Design database
 - test database design with pilot projects
 - present and support database design to stakeholders

Transportation Framework Organizational Structure in Oregon Oregon Geographic Information Council

- **Framework Implementation Team (FIT)**
 - Chair - State GIS Coordinator
 - FIT - representation from State Agencies
- **Transportation - Framework Implementation Team (T-FIT)**
 - Chair - Transportation Expert
 - T-FIT representation from road authorities

Oregon's Transportation Framework

Bridges

Cable cars

Chairlifts

Culverts

Railroads

Address ranges

Reference points

Traffic analysis
zones

Roads

Trails

Transportation
structures

Heliports

Light houses

Navigation
hazards

Paved area
/airports

Airport runways

Project Funding and Pilot's

- All “State Agencies” contribute creating a dedicated FIT funding source
- OGIC administers and authorizes pilots
- FIT(s) prioritizes projects
- T-FIT recommend projects

Oregon Transportation Framework Pilot



Wasco
2,603 miles

State Highways
7,500 miles

Functionally Classified Roads
35,000 miles

* includes \$120,000 for consultant services, \$50,000 direct project support

Oregon Transportation Framework

Data Maintenance and Distribution

Statewide Road Authorities

Data Providers and stewards

Oregon Department of
Transportation

Data Integration, QA/QC

Oregon Geospatial Data
Clearinghouse
Distribution

Data Consumers

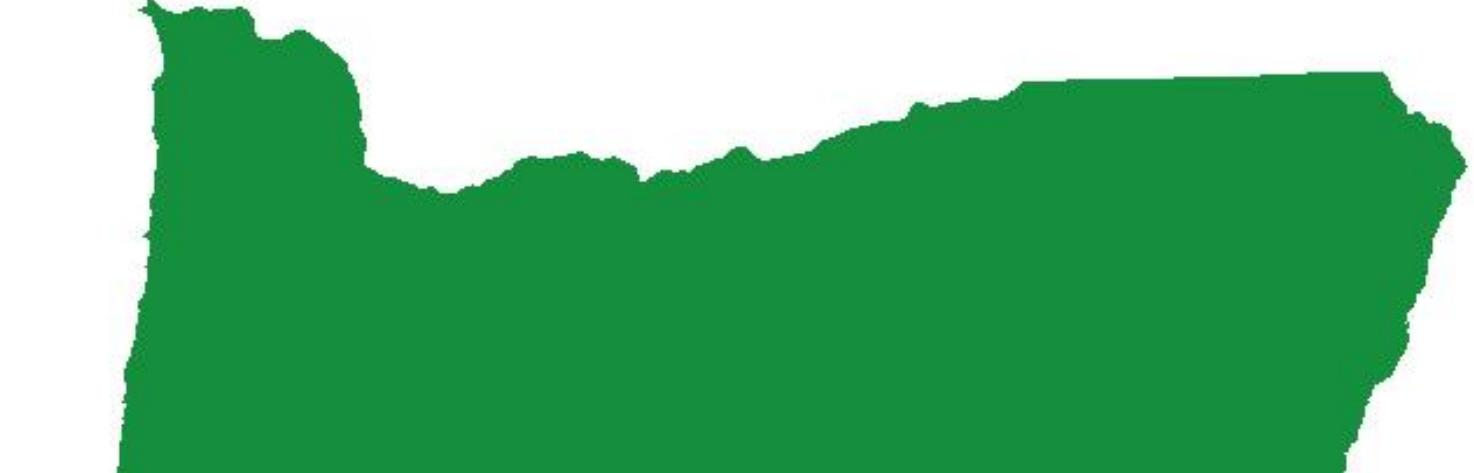


Oregon Transportation Framework Option 1

- ODOT provides ~\$175,000 in matching project resource
 - ~\$75,000 Data maintenance (ongoing)
 - ~\$100,000 Staff resources (ongoing)
 - design and build a database
 - negotiate data partnering agreements
 - provide a single focal point for project coordination and data integration
 - provide Federal Geographic Data Committee (FDGC) compliant metadata
- ODOT becomes coordinator for transportation layer
- Data customers have access to a statewide network immediately

Oregon Transportation Framework Option

Cost is Unknown



Negotiate and purchase data access and subscribe to a maintenance program.

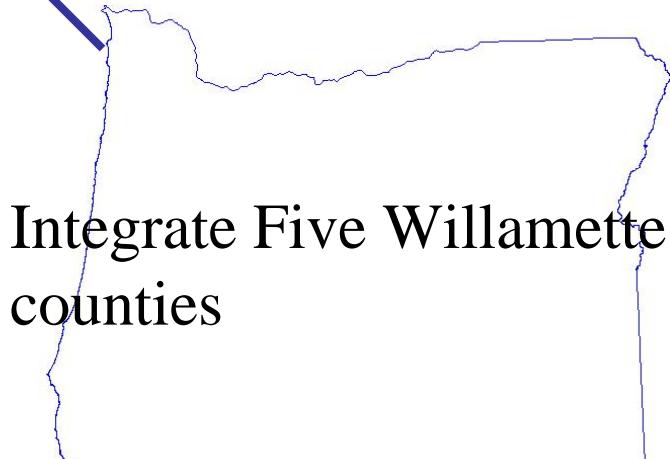
Oregon Transportation Framework Additional Partner Options



**Oregon's
Transportation Framework
5 to 7 counties**

Wasco County

Complete Jefferson and Deschutes Counties followed by two additional Eastern/Central Oregon counties



Integrate Five Willamette Valley counties

Conclusions (?)

- Wasco County Pilot Completed
- Road Authority project Completed
- 7 county data integration (Proposed)
- 35,000 miles of FC road integrated (internal project)
- Annual revision business process modification (internal project)
- Data sharing/integrating agreements
- “The rest of the transportation network ” ?